20010050001

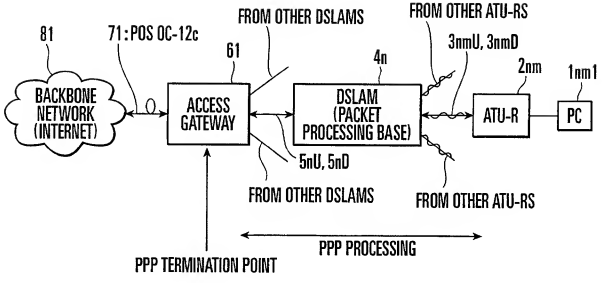

FIG. 1

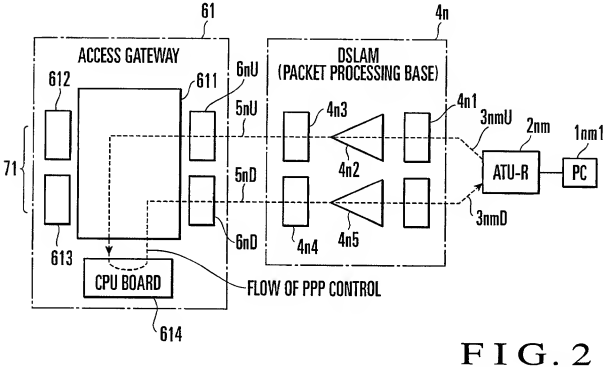

FIG. 2

20040100050001

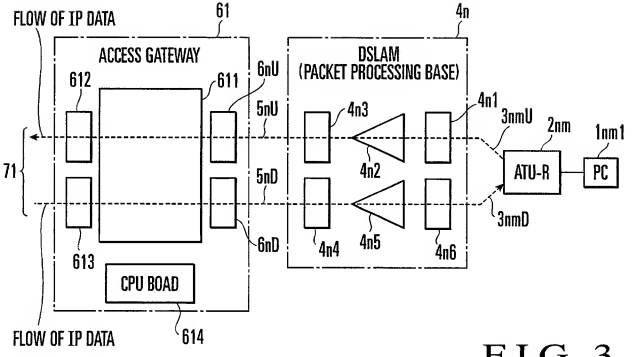

FIG. 3

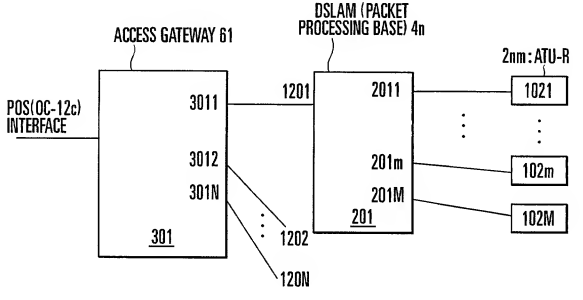

FIG. 4

61:	4n:	2nm:
AG	DSLM	ATU-R
IP		IP
PPP		PPP
MAC	MAC	MAC
PHY	PHY	PHY

FIG. 5

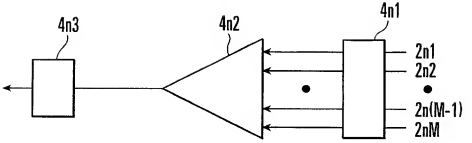

FIG. 6

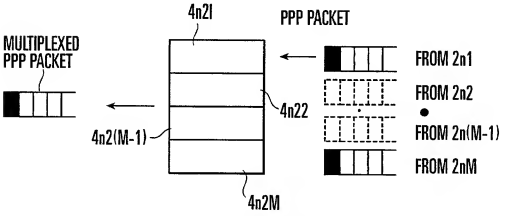

FIG. 7

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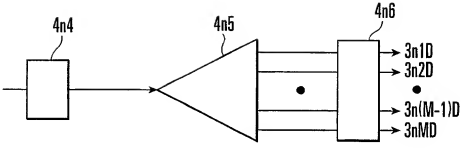

FIG. 8

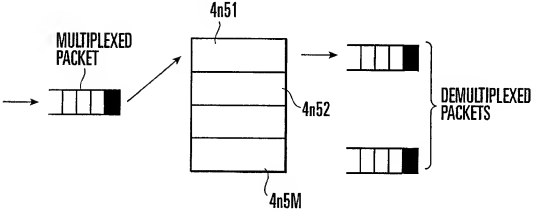

FIG. 9

2017.10.05 09:51:01

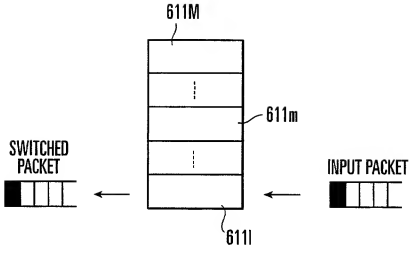

FIG.10

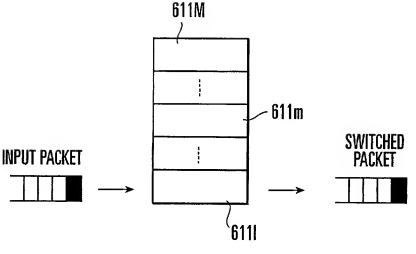

FIG.11

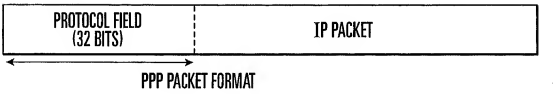

FIG.12A

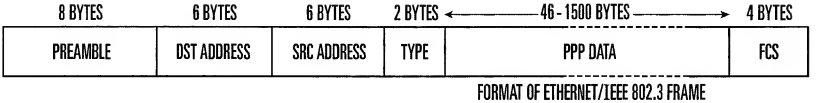

FIG.12B

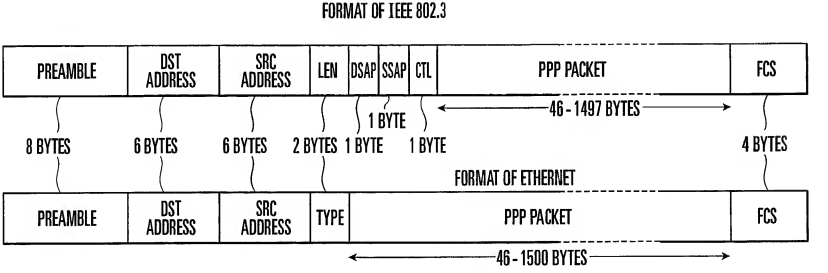
FORMAT OF IEEE 802.3
PREAMBLE
DST ADDRESS
SRC ADDRESS
LEN
DSAP
SSAP
CTL
PPP PACKET
FCS
1 BYTE
46 - 1497 BYTES
8 BYTES
6 BYTES
6 BYTES
2 BYTES
1 BYTE
1 BYTE
4 BYTES
FORMAT OF ETHERNET
PREAMBLE
DST ADDRESS
SRC ADDRESS
TYPE
PPP PACKET
FCS
46 - 1500 BYTES

FIG.13

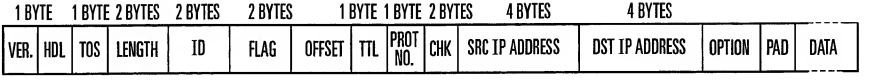
1 BYTE
1 BYTE
2 BYTES
2 BYTES
2 BYTES
1 BYTE
1 BYTE
2 BYTES
4 BYTES
4 BYTES
VER.
HDL
TOS
LENGTH
ID
FLAG
OFFSET
TTL
PROT NO.
CHK
SRC IP ADDRESS
DST IP ADDRESS
OPTION
PAD
DATA

FIG.14

2001-0050901

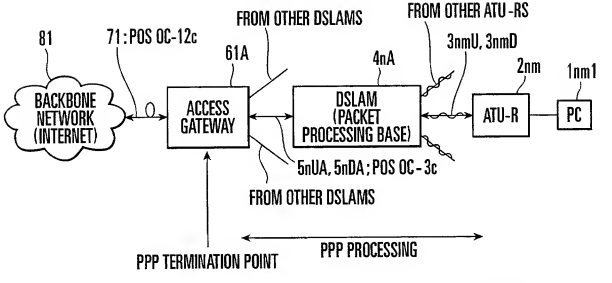

FIG. 15

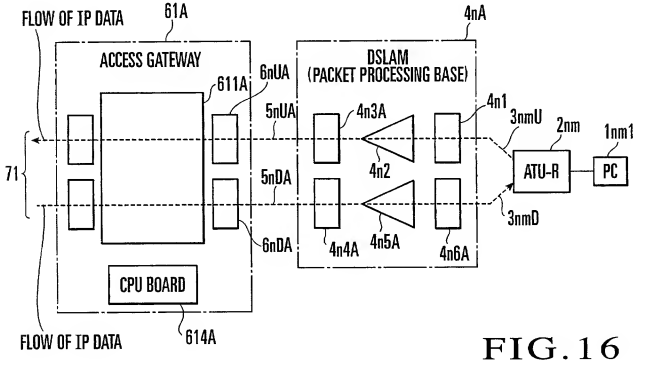

FIG. 16

EDITED: 08/08/01

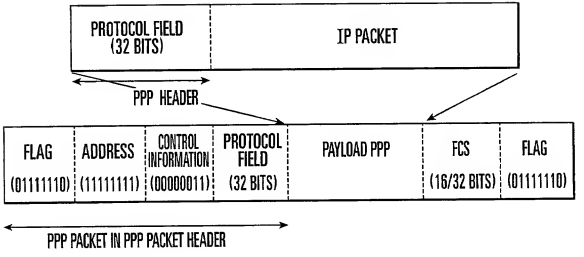

FIG. 17

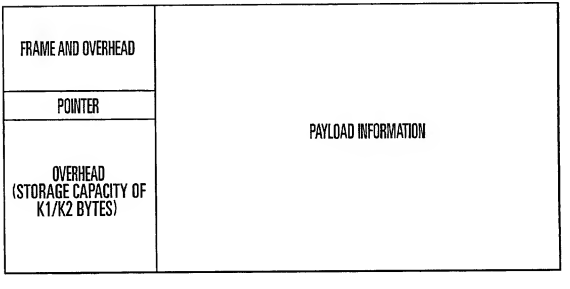

FIG. 18

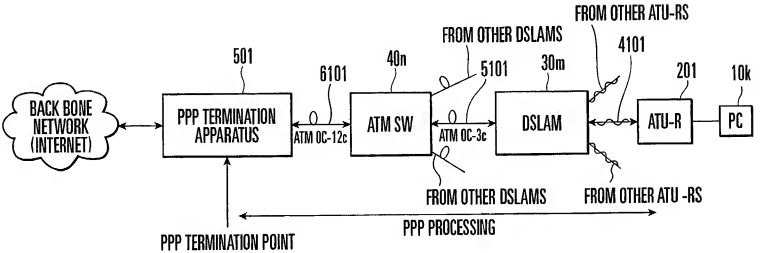

FIG.19
PRIOR ART

501: PPP TERMINATION APPARATUS	40n: ATM SW	30m: DSLAM	201: ATU-R
IP			IP
PPP			PPP
ATM	ATM	ATM	ATM
PHY	PHY	PHY	PHY

FIG.20
PRIOR ART

VALUE OF PROTOCOL FIELD	CONTENTS OF PACKET DATA
0021	IP
8021	INTERNET PROTOCOL CONTROL PROTOCOL (NETWORK CONTROL PROTOCOL FOR IP)
c021	LCP(LINK CONTROL PROTOCOL)

FIG.21

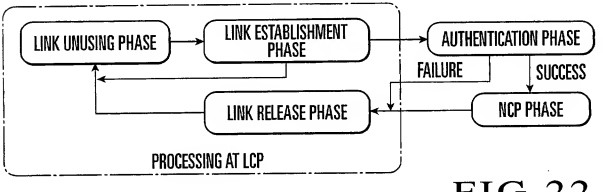

FIG.22

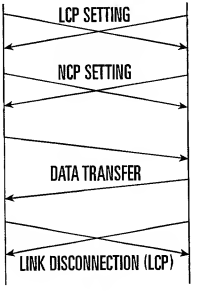

FIG.23